27.080 McDonnell Aircraft

JOHN ASHCROFT

Governor

G. TRACY MEHAN III
Director



# STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks, Recreation,
and Historic Preservation

## DIVISION OF ENVIRONMENTAL QUALITY

ST. LOUIS REGIONAL OFFICE 10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017 314-822-0101 Fax No. 314-822-0943

Joseph Haake
McDonnell Aircraft
Mail Code 0343530
P.O. Box 516
St. Louis, MO 63166-0516
(314) 232-3319

L.O.W. #91-SL.040

Dear Mr. Haake:

June 26, 1991

Enclosed, please find a report of a hazardous waste management inspection conducted June 19, 1991 by Mr. Richard Barnes of my staff on McDonnell Aircraft, Frost Avenue, St. Louis, Missouri.

Please note that the section titled "UNSATISFACTORY FEATURES" lists violations noted during the inspection, and outlines steps the inspector has determined will correct those violations.

In order to document that corrective actions have been taken, you are requested to submit a written response no later than July 29, 1991. The response should describe the steps taken to correct each of the unsatisfactory features identified. Please direct the response to Mr. Barnes. You should also forward a copy of your response and supporting documentation to Mr. Bruce Martin, Chief – Hazardous Waste Enforcement, Waste Management Program, P.O. Box 176, Jefferson City, MO 65102.

It is our purpose by this letter to persuade you to take all necessary actions to comply with the Missouri Hazardous Waste Management Law. Failure to achieve timely resolution of violations may result in the referral of this case for enforcement action by the Waste Management Program.

Should you have any questions, or wish to confer in this matter, please contact the St. Louis Regional Office at (314) 822-0101.

Sincerely,

ST. LOUIS REGIONAL OFFICE

Robert S. P. Eck

Regional Administrator

RSPE/RAB/sh

Enclosure

c: Waste Management Program





RESOURCE CONSERVATION AND RECOVERY ACT AND MISSOURI HAZARDOUS WASTE MANAGEMENT LAW COMPLIANCE EVALUATION INSPECTION REPORT

## **Facility**

McDonnell Aircraft (Frost Avenue)
Mail Code 0343530
P.O. Box 516
St. Louis, MO 63166-0516
(314) 232-3319

EPA ID #: MOD980968457 MO Generator ID: 004217

Participants

Department of Natural Resources

Richard A. Barnes Environmental Specialist St. Louis Regional Office

McDonnell Aircraft

Joseph Haake and Annett C. Wagner Environmental Compliance

## Introduction

An inspection of McDonnell Aircraft, located at the above address, was conducted on June 19, 1991 by Mr. Richard A. Barnes of the Department of Natural Resources. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Waste Management Law (1977) as amended. The inspection was confined to facets of the operation relevant to hazardous waste management.

The inspection consisted of an opening conference followed by a facility tour. Records were reviewed and a closing conference was held to explain violations observed during the inspection.

## Facility Description

McDonnell Aircraft has three shifts working five days a week. The facility has approximately 360,000 square feet and has been in operation at this site for six years. The Frost Avenue hazardous waste generator identification numbers include the generation from two buildings, an office building (#248) and a tooling building (#245).

Building #248 seldom produces hazardous waste, while building #245 produces a variety of waste streams. Building #245 is the location where tooling and fixtures are produced for fabrication of sheet metal aircraft components. This fabrication tooling is machined, assembled, and painted. Parts are then "fit tested." When complete, these fixtures are removed to production areas of the McDonnell Douglas Aircraft facility.

McDonnell Aircraft, Frost Avenue, is a large quantity generator of hazardous waste and has 20 to 30 employees involved in hazardous waste management. The hazardous waste streams generated by the facility are: (See attached manifests.)

- 1. A mixture of waste hydraulic oil (D098), waste oil from equipment maintenance (D098), waste solvent containing Tetrachloroethylene and/or Trichloroethylene (F001, F002, D039, D040) generated during air compressor and general equipment maintenance. Approximately 3,000 pounds are generated per month. This waste is transported by McDonnell Aircraft and fuel blended.
- 2. Waste ignitable solvents (F003, F005, D001, D007) generated from painting and metal cleaning operations. A small paint booth is used for hand brushing fixtures. Hand brushing of large pieces is also done in the shop. Approximately 1,900 pounds are generated per month. This waste is transported by McDonnell Aircraft and fuel blended.
- 3. Waste corrosive (D002) Alkaline cleaning solution and blue print developer solution generated in the blue print room of building #245. Approximately 300 pounds are generated per month. This waste is transported by McDonnell Aircraft to be treated for land disposal.
- 4. Waste cutting oil (D098) water emulsified cutting oil generated during machining operations in building #245. Approximately 15,000 pounds are generated per month. This waste stream is transported by Heritage to their facility in Indianapolis, Indiana, to be separated. The oil is then used in fuel blending.

## Unsatisfactory Features

- 1. Hazardous waste container not labeled or marked, in violation of 10 CSR 25-5.262(2)(C)1 referencing 40 CFR 262.31 and 40 CFR 262.32 further referencing 49 CFR 172 Subpart D. The 345 gallon portable container used to remove and store cutting oil was not marked or labeled. The Missouri Hazardous Waste regulations require the containers to be labeled during the entire onsite storage period and the beginning date of accumulation is to be provided on the containers, indicating the day the waste was first placed into them. The facility must include this information on all containers of hazardous waste.
- 2. Greater than 55 gallons of hazardous waste in satellite storage, in violation of 10 CSR 25-5.262(c)3. The satellite storage area for waste corrosive in the print shop contained one full 55 gallon drum and one partial drum. Both drums had a start date of March 15, 1991. A generator may accumulate as much as 55 gallons of hazardous waste or one quart of acutely hazardous waste in containers at or near the point of generation. The facility must not store over 55 gallons of waste at any one satellite point.

Should you have any questions regarding this report, please contact the  $\operatorname{St.}$  Louis Regional Office.

Prepared by:

Richard A. Barnes

Environmental Specialist St. Louis Regional Office

Name of Facility: MCD ON VGLL A	RCRAFT,	Frost	Date: 6-19-91
Address: 8900 Frost AV	6	·	Other Inspections Done:  RR TRANS LDR
BERKLEY MO	63/3	34	OTHER
Phone: (3/4) 232-33/9 MO	[DII 0046	2/7	EPA ID# MOD980968457
Facility Representative: Joseph	H HAAR	KE	_ Title: Section Mgr.
Briefly describe manufacturing p			
talrication of tools	-9,	machi	ning, assembly
Fabrication of tooli		n.	
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List of wastes generated.(Use co	ntinuatio Amount		if needed.) Disposition
Waste OIL W/ 1. Solvets	3208 6		Fuel Blending
2. Waste Solvents	1,900		Fuel Blending
3. waste corrosine	300	OP.	Treatment & LAND disposal
4. waste cutting oil	15,00	00 P	Fuel bleding
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MANIFESTS AND RECORDKEEPING 10 CSR 25-5.262(2) AND 5.262(2)(8) AND		PRETRANSPORT, 5.262(2)(C)1	CONTAINERIZATION AND LABELING 10 CSR 25-5.262(2) AND
Generator's MO and EPA I.D. Numbers		Vaste Packaged period and pri	. marked and labeled per DOT during entire on-site storage or to transport
EPA Waste I.D. codes	. نهر		able for use by transporters
Generator's name, address, phone #		c. Contain d. Quantit hz. was	in satellite areas less than 1 year
Containers, Quantity and Unit Mt/Vol being shipped properly designs	ξ.		URDS 10 CSR 25-5.262(2) AND 5.262(2)(C)2 AND 3
Proper certification including waste minimization	٠٠٠٠ .		cted and maintained
Manifest properly signed and dated	٠٠/٠٠ ،		han 90 days (unless small quantity generator)
No more than 10 days time between generator and facility signatures	D.		AGE 10 CSR 25-5.262(2) AND 5.262(2)(C)2
Manifests returned within 35 days		Containers in	good condition
If not, exception generator report submitted within 45 days	'	Containers kep	t closed in storage
Completed manifests_and Summary Manifest Report and Certification.  Spills of reportable quantities reported to DNR	_		ring incompatible waste separated or protected from each
			ignitable or reactive waste stored > 50 feet from property
		Containers stor	red within a containment system (if applicable) meeting CSR 25-5.262(2)(C)2.8.

	E STORAGE TANKS LO OSR 15-5 1500 DE AND ELESTRON COLOUR See tank inequalist	73	*/
	F. PERSONNEL TRAINING (DICSR 15-5.252) 2		
20	Documentation of hazardous waste director's qualifications or	training.	
	Completed classroom or on-the-job training, a walked a comp		
	lob title, description, and name of person filling position		
	written record of the type and amount of training given a		
	Documentation confirming that training has been given		
	, PREFAREDNESS AND PRESENTION TO CSR 25-5,262-1, AND 5,252-1,175		
	Internal communication or alarm system		
	Device in the hazardous waste operation area capable of summon assistance		
	Fire control, spill control, and decontamination equipment ava	ilable.	
	Adequate water supply for fire control equipment		
	Adequate and proper safety equipment available		
	Adequate aisle space		
	Arrangements with local emergency agencies		
	H. CONTINGENCY PLAN AND EMERGENCY PROCEDURES 10 CSR 25-5.262(2)		
	Contingency Plan		
	Detailed description of procedures that personnel must implame respond to fires, explosions, or releases of hazardous waste.	ne to	
	Describe formal arrangements with emergency agencies		
	Name, addresses, and phone numbers (home & office) of emergency coordinators		
	Emergency equipment including its description and location	🗸 .	
	Evacuation plan if applicable		
	I. WASTE OIL 10 CSR 25-11.010		
	Written waste oil contract maintained		
	Waste oil properly stored and transported		
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COMMENTS:			
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Inspector Sign	nature & Title: /whard AR	Physics	
	Office: S.L.R.O.		
		IN COMPLIANCE	(~

IN VIOLATION OR ABSENT



MISSOURI DEPARTMENT OF NATURAL RESCURCES P.O. BOX 176 (314) 751-3176 JEFFERSON CITY, MISSOURI 65102

PART II

OFFICE USE ONLY

# GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET

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SE	CTION J - COMMENTS									
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T04: Resource recovery



MISSOURI DEPARTMENT OF NATURAL RESCURSES (314) 751-3176 P.6. BOX 176 JEFFERSON CITY, MISSOURI 65102

GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET

	PARTII	
CFFICE	USE ONLY	

	TONO	AND SITUED PRINT OF	RTYPE					· · · · · · · · · · · · · · · · · · ·
NOTE > PLEASE READ INSTRUCT		the total amount of Wi	aste tran	sported off-site to	an individu	al fac	ility du	ring the
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McDonnell Douglas Corporat 6. FACILITY SITE ADDRESS	ion -	St. Louis			7 FACILITY'S		22	
140 McDonnell Boulevard			1	5005	100		· 2· 6 {	
CITY		STATE	ZIP	63145	R	K U	. 2.0 (	
St. Louis SECTIONH WASTE IDENTIFICATION	ON						14	15
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SECTION J COMMENTS								
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INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET. THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

## MISSOURI DEPARTMENT OF NATURAL RESOURCES: -Division of Environmental Quality. Waste Management Program ..

P.O. Box 176 Jefferson City, Missouri 85162 314-751-3176

EMERGENCY RESPONSE U.S. COAST GUARD 1-800-424-8802 CHEM TREC 1-800-424-9300 DEPT. OF NATURAL RESOURCE 314-634-2436

2000

## HAZARDOUS WASTE MANIFEST

Plee	Please print or type: (Form designed for use on eithe (12-pitch) typewriter.)	Manifest 2 Page information in the shaded areas
A	UNIFORM HAZARDOUS 1. Generator's US EPA ID No.	Document No. 1 is required by State law
T	WASTE MANIFEST HODERDEGEA	5 7 0 0 0 7 1 of : is required by State law.
	3. Generator's Name and Mailing Address	
	McDonnell Douglas Corporation - St. Louis	
	P.O. Box 516, MC 0801800, St. Louis, Missouri	63166
	4. Generator's Phone (314) 232-3319	
	5. Transporter 1 Company Name 6. US EPA ID Numb	
	3. Hamportal 1 Company France	
	FICE COLLEGE C	0 18 13 18 19 16 13
	7. Transporter 2 Company Name 8. US EPA ID Numb	
	NDIRE	
	9. Designated Facility Name and Site Address 10. US EPA ID Num	
	McDonnell Douglas Corporation	
П	140 McDonnell Boulevard	0 18 17 18 19 16 13
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Ш	If I am a large quantity generator, I certify that I have a program in place to reduce the volume and that I have selected the practicable method of treatment, storage, or disposal currently available.	
1	OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation	and select the past waste then adente in thousand available to the select the
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15	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest	t except as noted in item 19.
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Y	Y Printed/Typed Name Signature	C (1/a . D21/4/6)
	Hunelle 1. wagner 1	nous . Wage 1/31/81911
FF	FPA Form 8700-22 (Raw 9-88) MONR-HWG 10 PREVIOUS EDITIONS ARE OBSOLETE	7

EMERGENCY RESPON: U.S. COAST GUARD 1-800-424-8602 CHEM TREC 1-800-424-9300 DEPT. OF RATURAL RESOIT 314-634-2436

PARATE SHEET.  NS DOCUMENT MUST BE USED  NR ALL MISSOURI-DESTINED	Division of Environments Waste Management Pr P.O. Box 176 Jefferson City, 314-751-3176	ogram Missouri 65102		EMERGENCY RES U S. COAST GU 1-600-424-66 CHEM TREC 1-600-424-600
IPMENTS-	HAZARDOUS WASTI	E MANIFEST	Sam Assessed OMS No.	DEPT. OF RATURAL R 314-834-243
UNIFORM HAZARDOUS	1, Generator's US EPA ID No.	Manifest 2.5	Form Approved, OMB No	in the shaded areas
WASTE MANIFEST	MOD96096845	7 0 10 10 17 12	ot 1 is required b	y State law.
3. Generator's Name and Mailing Address				
McDonnell Douglas Corpor	ation - St. Louis	1166		
P.O. Box 516, MC 0801800 4 Generator's Phone ( 314) 232-33	, St. Louis, Missouri SS	100		
5. Transporter 1 Company Name	6. US EPA ID Number			
Heritage Transport, Inc.		4 18 14 11 11 14		
7. Transporter 2 Company Name	8. US EPA ID Number			
9. Designated Facility Name and Site Address	10. US EPA ID Number			
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indianapolis Indiana 4	6231 [ [ [ [ ] ] ] ] [ ]	12 11 19 10 11 12		
11. US DOT Description (Including Proper Shipping	Name, Hazard Class, and ID Number)	12. Containers.	I TOUR   ON	t BESTERONE
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15. Special Handling Instructions and Additional In	formation	22		
15. Special Handling Instructions and Additional In:	formation ver to designated TSD fac	ility, return	to generator."	
15. Special Handling Instructions and Additional In:	formation ver to designated TSD fac	ility, return	to generator."	
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INSTRUCTION FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARA E SHEET. THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

## MISSOURI DEPARTMENT OF NATURAL RESOURCES DEPARTMENT OF NATURAL Division of Environmental Quality

Waste Management Program
P.O. Box 176 Jefferson City, Missouri-85108 314-751-3178 HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONS U.S. COAST GUARD 1-600-424-8602 CHEM TREC 1-800-424-8300 DEFT. OF NATURAL RESOURCE 314-654-2436

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1cDonnell Douglas Corporation - St. Louis	63166					
O.O. Box 516, MC 0801800, St. Louis, Missouri						
Generator's Phone ( 314) 232-3319	Number					
Transporter 1 Company Name	5 8 4 8 4	1,1,4				
ICI I days	Number					
Transporter 2 Company Name	3 3 B C E I	1 1				
Designated Facility Name and Site Address 10. US EPA IC	Number 7					
Designated racinty reame and standards   Sarvices   Inc.						
Heritage Environmental Services, Inc.	N 80					
7901 West Morris Street Indianapolis, Indiana 46231 II N.D.	9,3,2,1,9	0,1,2				
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# P.O. Box 176 Jefferson City, Missouri 48102

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WASTE MANIFEST NO.	0 9 8 0 9 6 8 4 5 7 9		
Generator's Name and Mailing Address: McDonnell Douglas Corporation	- St. Louis		
P.O. Box 516, MC 0801800, Sc.	Louis, Missouri 63109		
Generator's Phone ( 314 ) 232-3319	8. US EPA ID Number	4,1,1,4,	
Heritage Transport, Inc. Transporter 2 Company Name	8. US EPA ID Number		
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Designated Facility Name and Site Address Heritage Environmental Service	•		
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15. Special Handling instructions and Additional Information	ignated TSD facility,	return to generator.*	
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INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET THIS DOT IMEN'T MUST BE USED FOR ALL MISSOURI-DESTINED

## MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality: Waste Management Program P.O. Box 178 Jefferson City, Missouri 65102 314-751-3176

# HAZARDOUS WASTE MANIFEST

U.S. COAST GUARO 1-800-424-8802 CHEM TREC DEPT. OF NATURAL RESOUR

SHIPMENTS. Form Approved, OMB No. 2050-0039, Expires 9-30-91 Please print or type (Form designed for use en.elite (12-pitch) typewriter.) Information in the shaded areas UNIFORM HAZAROOUS 1. Generator's US EPA ID No. Metallide 2 Page 1 is required by State law ... WASTE MANIFEST 4,0,0,98086345 3. Generator's Name and Mailing Address McDonnell Douglas Corporation - St. Louis P.O. Box 516, MC 0343530, St. Louis, Missouri 53166 4. Generator's Phone ( 314 ) 232-3319 6. US EPA ID Number 5. Transporter 1 Company Name. 11 N D 0 3 18 14 18 14 1 1 14 Heritage Transport, Inc. 8. US EPA ID Number 7. Transporter 2 Company, Name. None 10. US EPA ID Number ' 9. Designated Facility Name and Site Address Heritage Environmental Services, Inc. 7901 West Morris Street 111101019131211191011 Indianapolis, Indiana 40231 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number). Total Unit Quantity \*Emulsified Cutting Oil (not regulated) 0.01 DOT- E-9166 G E N Ε A 0 HES. 282721 15. Special Handling Instructions and Additional Information "If unable to deliver to designated TSD facility, return to  ${f x}$  generator." 314-232-2285 Emergency Contact: Missouri Document @@XX@XXX 004217-0075 16. GENERATOR'S CERTIFICATION: I bereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in expects in experiment for international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste-generated to the degree I have determined to be economically practicable sthod of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat to human health and only in the present and future threat t Printed/Typed Name Date 17. Transporter LAcknowledgement of Receipt of Materials Day Month Ranted/Typed Name 0.3 ンシ 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month ORTER Signature Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Day Signature 0326191 Printed/Typed Name

EPA Form 8700-22 (Rev. 9-88) MONR-HWG 10 PREVIOUS EDITIONS ARE OBSOLETE JANTH

INSTRUCTIONS FOR THE COM-PLETION OF THIS FORM ARE ON A SEPARATE SHEET

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS.

MOND HING 10

## MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality Waste Management Program P.O. Box 176 Jefferson City, Missouri 65102 314-751-3176

EMERGENCY RESPONSI U.S. COAST GUARD 1-800-424-8802 CHEM TREC 1-800-424-9300 DEPT OF NATURAL RESOUR

Form Approved, OMB No. 2050-0039, Expires 9-30-91

## HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12-pitch) typewriter,) 1. Generator's US EPA ID No Information in the shaded areas UNIFORM HAZARDOUS Document No. is required by State law **WASTE MANIFEST** Mi Oi Di 9 i 8 i 0 i 9 i 6 i 8 i 4 i 5 i 7 1 0 i 0 i 0 i 7 i A. Missouri Manifest Document Number 3. Generator's Name and Mailing Address McDonnell Douglas Corporation - St. Louis 8. State Generator's ID - other P.O. Box 516, MC 0343530, St. Louis, MXXMMMXX 4. Generator's Phone ( Missouri C. MO. Transporter's ID H-1464 5. Transporter 1 Company Name 6. US EPA ID Number [I,N,D,0,5,8,4,8,4,1,1, D. Transporter's Phone 317-241-9406 Heritage Transport, Inc. 8. US EPA ID Number 7. Transporter 2 Company Name F. Transporter's Phone None G. State Fecility's ID 9. Designated Facility Name and Site Address 10. US EPA ID Number IND093219012 Heritage Environmental Services, Inc. H. Facility's Phone: 7901 West Morris Street 317-243-08FL [I, N, D, 0, 9, 3, 2, 1, 9, 0, 1, 2]Indianapolis, Indiana 46231 13. 11, US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number, Total I. Waste No. Quantity Wt/Vol EPA WASTE CODE Emulsified Cutting Oil 0,0,1 7, 70,6,9,8,0 Non regulated XXXXXXXXXXX G EPA WASTE COO ENER 0 EPA WASTE CODE d. K. Handling Codes for Wastes Listed Above J. Additional Descriptions for Materials Listed Above a. 308-7 b. 15. Special Handling Instructions and Additional Information "If unable to MM MMXXXM deliver to designated TSD facility, return to generator." Emergency contact: 314-232-2285 Missouri Document 004217-0076 16. GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford. Year Printed/Typed Name 0K 17 17. Transporter 1 Acknowledgement of Receipt of Ma Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Day Year Month **Gignature** Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Month Day Printed/Typed Name DOCUME ENTIONS ARE ORSOLETE

## MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

## HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE

J S COAST GUARD

1-800-424-8802

CHEM TREC

1-800-424-9300

DEPT OF NATURAL RESOURCES

314-634-2436

Pie	lease print or type (Form designed for use on elite (12-pitch)	typewriter.)			Form Approved. O	MB No. 2	2050-0039, Expires 9-30-91
Ā	UNIFORM HAZARDOUS		Manifest	2. Page			the shaded areas
7		M, O, D, 9, 8, 0, 9, 6, 8, 4, 5, 7, 0, 0	cument No.	of	1 is requ	ired by	State law.
	3. Generator's Name and Mailing Address	<u> </u>	7 10 17 17	A, Miss	ouri Manifest Docur		
	McDonnell Douglas Corporation			0,0	0 4 2 1	7	0,0,7,7
	P.o. Box XXXXXXXXX 516, MC (4. Generator's Phone (314) 232-3319	0343530, St. Louis, MO 631	66	B. Stat	e Generator's ID - ot		04217
	5. Transporter 1 Company Name	6. US EPA ID Number		C. MO.	Transporter's ID	H-14	64
П	Heritage Transport, Inc.	4, 8, 4, 8, 5, 0 <sub>,</sub> 0, N, I <b>J</b>	4, 1, 1, 4		reporter's Phone31		
	7. Transporter 2 Company Name	8. US EPA ID Number		_	Transporter's ID	E GO	
	None	1	1 1 1	F. Tren	sporter's Phone	27	
	9. Designated Facility Name and Site Address	10. US EPA ID Number		G. Stat	e Fecility's ID:		
	Heritage Environmental Serv	ices, Inc.			IND09321	9012	
	7901 West Morris Street			H. Faci	ilty's Phone		
	Indianapolis, Indiana 4623	1 [I, N, D, O, 9, 3, 2, 1, 9	9, 0, 1, 2	3	17-243-08	11	
Н	11. US DOT Description (Including Proper Shipping Name		12. Contain		13.	14.	
					Total Quantity	Unit Wt/Vol.	I. Waste No.
	<sup>a</sup> Emulsified Cutting Oil						EPA WASTE CODE
	Ellinizitied curring off						
G	MANAXAXXX non regulated		-,001	I TT	1,24.80	P	N/A=c
E	b.						EPA WASTE CODE
N E	E						40.5
R	R		1 , ,	1	1		
A T	C.						EPA WASTE CODE
0	o						
R	1		1	١,	1		
	d.						EPA WASTE CODE
					,		Contains the
			1	1.	1		
	J. Additional Descriptions for Materials Listed Above			K. Han	dling Codes for Was	tes Lister	d Above
	*308-7 MO ID 037				1 1 1		1 1 1
	b.	9			1 1 1		1 1 1 1
!	c.	No.					
	d.	## .e					
	15. Special Handling Instructions and Additional Informati	ion			in .		
	"If unable to deliver to de	esignated TSD facility, retu	urn to	gene	rator."		
	MX Missouri Document 004217	2-0077 Emergency contac	ct: 31	4-23	2-2285		
		<u> </u>					
	16. GENERATOR'S CERTIFICATION: I hereby declare that	the contents of this consignment are fully and accurately transport by highway according to applicable international at	described about nd national gov	ove by provent	oper shipping name regulations and applic	and are d able state	classified, packed, marked, le regulations.
	If I am a large quantity generator I certify that I have a	program in place to reduce the volume and toxicity of w	aste generated	to the d	legree i have determi	ined to be	e economically practicable
	and that I have selected the practicable method of treats OB, if I am a small quantity generator, I have made a good	ment, storage, or disposal currently available to me which faith effort to minimize my waste peneration and select the b	minimizes the est waste mani	gement r	nethod available to m	e that I ca	n afford.
	Printed/Typed Name	Signature	0/	11/11	-		Month Day Year
V	V Haneth - (vagi	1er Chilte	<u> </u>	2'64	g Nes		05277
Ţ	T 17. Transporter 1 Acknowledgement of Receipt of Materials	•					Date
R	A Printed/Typed Name	Signature	. 4	2			Month Day Year
N S	SILL ROLL IN CONTRACTOR	clon Saul	00 6	رارا	alm		052491
P	O 16 Transporter 2 Acknowledgement of Receipt of Materials			$\overline{}$			Date
RTER	T Printed/Typed Name	Signature					Month Day Year
E	E   R	•					
	19. Discrepancy Indication Space						
F	F						
A							1
ĭ							
Ļ	L 20. Facility Owner or Operator: Certification of receipt of ha	zardous materials covered by this manifest except as note	a in item 19.				Date
T		Cinneture	13-		0		Month Day Year
Y	Printed/Typed Name	Signature	the A	7/	レメ		15 2419/1
بِ	1 AM I NOWY 7. NOOC	THOME OF ORCOLETE	<u> </u>				
cP.	PA Form 8700-22 (Rev. 9-88) MINR-HWG 10 PREVIOUS EDI	ITIONS RE OBSOLETE	•	•	- //		



Robert H. Kaatman

MISSOURI DEPARTMENT OF NATURAL RESCURCES WASTE MANAGEMENT PROGRAM P.O. BOX 176 (314) 751-3176

JEFFERSON CITY, MISSOURI 65102

PART I

# GENERATOR'S HAZARDOUS WASTE REPORT SUMMARY SHEET

NOTE PLEASE READ INSTRUCTIONS	AND EITHE	R PRINT OR TYPE			
Regardless of whether any off-site shipment and transmit this form to the Department of Na	occurred, as	, a registered gene	rator of hazar	dous waste, you	must complete, sign,
SECTION A REPORT IDENTIFICATION					
1 TYPE OF REPORT (CHECK ONE)		2. FOR THE PERIOD ENDIN			2
☐ QUARTERLY ☐ ANNUAL (NON	-GENERATOR)	9-30(YEAR)	2-31		OF3
(IF ANNUAL CHECKED, PLACE X IN 6	-30 BOX)	₩ 3-31- 91(YEAR)	6-30	(YEAR)	
SECTION B GENERATOR IDENTIFICATIO	N			5 GENERATO	R'S USEPA I D. NUMBER
				M · O · D · 9	-8-0-9-6-8-4-5-7
McDonnell Douglas Corporation		TELEPHONE NUMBER		7. GENERATO	R'S MISSOURI I.D. NUMBER
6. GENERATOR CONTACT PERSON (NAME)				0	.0.4.2.1.7
Robert H. Kaatman		314-232-3319	)	STATE	ZIP CODE
Robert H. Kaatman	CITY			3.2.0	
		t and a		МО	63166
P.O. Box 516, MC 0343530		Louis		STATE	ZIP CODE
9 PLANT ADDRESS	CITY				
	١,	St. Louis		МО	63134
8900 Frost Avenue		t. Louis			OFFICE USE ONLY
10. NAME OF PARENT FIRM					
McDonnell Douglas Corporation	750 101150	K ONE)			
SECTION C - STATUS OF WASTE GENERA	TED (CHEC	K UNE)	13.		OCHERATED BUT NO
11. SHIPPED OFF-SITE. Complete part 2, attach		LE QUANTITY NOT GENER	1	REPORTABLE QUANT	TITY GENERATED BUT NO B
completed hazardous waste manifests, sign		and transmit to the departmen		transmit to the departmen	t. (Do not complete Part 2)
X certification and transmit to the department.					
SECTION D - COMMENTS					
14.					
	•				
955		,			
SECTION E - CERTIFICATION STATEMEN	T			A. A	d in this and all attach
		nined and am familia	ar with the info	rmation submitte	o in this and all attach
I certify under penalty of law that I have per documents and that based on my inquiry	of those in	dividuals immediate	ely responsible	e for obtaining the	ities for submitting fa
that the submitted information is true, acci-	urate, and co	ilibiato: i aili ailiai	that there are	e significant pena	מונים וטו פטטווווננוויט ומ
information, including the possibility of fine	and impriso	nment.			
PRINT NAME	SIGNATURE		DAT	_	0.1
t tilla i manna	1	119	•	9 Mar	. 9.1